

Fig 1

10	20	30	40	50	60
ATGAATCCAT	TTCATGCATC	TTGTTGGAAC	ACCTCTGCCG	AACTTTTAAA	CAAATCCTGG
METAsnProP	heHisAlaSe	rCysTrpAsn	ThrSerAlaG	luLeuLeuAs	nLysSerTrp
70	80	90	100	110	120
AATAAAGAGT	TTGCTTATCA	AACTGCCAGT	GTGGTAGATA	CAGTCATCCT	CCCTTCCATG
AsnLysGluP	heAlaTyrGl	nThrAlaSer	ValValAspT	hrValIleLe	uProSerMET
130	140	150	160	170	180
ATTGGGATTA	TCTGTTCAAC	AGGGCTGGTT	GGCAACATCC	TCATTGTATT	CACTATAATA
IleGlyIleI	leCysSerTh	rGlyLeuVal	GlyAsnIleL	euIleValPh	eThrIleIle
190	200	210	220	230	240
AGATCCAGGA	AAAAAACAGT	CCCTGACATC	TATATCTGCA	ACCTGGCTGT	GGCTGATTTG
ArgSerArgL	ysLysThrVa	lProAspIle	TyrIleCysA	snLeuAlaVa	lAlaAspLeu
250	260	270	280	290	300
GTCCACATAG	TTGGAATGCC	TTTTCTTATT	CACCAATGGG	CCCGAGGGGG	AGAGTGGGTG
ValHisIleV	alGlyMETPr	oPheLeuIle	HisGlnTrpA	laArgGlyGl	yGluTrpVal
310	320	330	340	350	360
TTTGGGGGGC	CTCTCTGCAC	CATCATCACA	TCCCTGGATA	CTTGTAACCA	ATTGCGCTGT
PheGlyGlyP	roLeuCysTh	rIleIleThr	SerLeuAspT	hrCysAsnGl	nPheAlaCys
370	380	390	400	410	420
AGTGCCATCA	TGACTGTAAT	GAGTGTGGAC	AGGTACTTTG	CCCTCGTCCA	ACCATTTCGA
SerAlaIleM	ETThrValME	TSerValAsp	ArgTyrPheA	laLeuValGl	nProPheArg
430	440	450	460	470	480
CTGACACGTT	GGAGAACAAG	GTACAAGACC	ATCCGGATCA	ATTTGGGCCT	TTGGGCAGCT
LeuThrArgT	rpArgThrAr	gTyrLysThr	IleArgIleA	snLeuGlyLe	uTrpAlaAla
490	500	510	520	530	540
TCCTTTATCC	TGGCATTGCC	TGTCTGGGTC	TACTCGAAGG	TCATCAAATT	TAAAGACGGT
SerPhelleL	euAlaLeuPr	oValTrpVal	TyrSerLysV	alIleLysPh	eLysAspGly

Fig 2

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      550      560      570      580      590      600
GTTGAGAGTT GTGCTTTTGA TTTGACATCC CCTGACGATG TACTCTGGTA TACACTTTAT
ValGluSerC ysAlaPheAs pLeuThrSer ProAspAspV alLeuTrpTy rThrLeuTyr

      610      620      630      640      650      660
TTGACGATAA CAACTTTTTT TTTCCCTCTA CCCTTGATTT TGGTGTGCTA TATTTTAATT
LeuThrIleT hrThrPhePh ePheProLeu ProLeuIleL euValCysTy rIleLeuIle

      670      680      690      700      710      720
TTATGCTATA CTTGGGAGAT GTATCAACAG AATAAGGATG CCAGATGCTG CAATCCCAGT
LeuCysTyrT hrTrpGluME TTyrGlnGln AsnLysAspA laArgCysCy sAsnProSer

      730      740      750      760      770      780
GTACCAAAAC AGAGAGTGAT GAAGTTGACA AAGATGGTGC TGGTGTGCTG GGTAGTCTTT
ValProLysG lnArgValME TLysLeuThr LysMETValL euValLeuVa lValValPhe

      790      800      810      820      830      840
ATCCTGAGTG CTGCCCCTTA TCATGTGATA CAACTGGTGA ACTTACAGAT GGAACAGCCC
IleLeuSerA laAlaProTy rHisValIle GlnLeuValA snLeuGlnME TGluGlnPro

      850      860      870      880      890      900
ACACTGGCCT TCTATGTGGG TTATTACCTC TCCATCTGTC TCAGCTATGC CAGCAGCAGC
ThrLeuAlaP heTyrValGl yTyrTyrLeu SerIleCysL euSerTyrAl aSerSerSer

      910      920      930      940      950      960
ATTAACCCTT TTCTCTACAT CCTGCTGAGT GGAAATTTCC AGAAACGTCT GCCTCAAATC
IleAsnProP heLeuTyrIl eLeuLeuSer GlyAsnPheG lnLysArgLe uProGlnIle

      970      980      990      1000      1010      1020
CAAAGAAGAG CGACTGAGAA GGAAATCAAC AATATGGGAA ACACTCTGAA ATCACACTTT
GlnArgArgA laThrGluLy sGluIleAsn AsnMETGlyA snThrLeuLy sSerHisPhe

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1030

TAG

Fig 3

